

INTERNATIONAL SEARCH REPORT

PCT/NL 03/00765

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C45/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BE 559 392 A (H. GOLLER)	1,2,4,5, 12,14-16
Y	the whole document	6-8,10, 11
X	US 3 692 456 A (FOSTER JOHN A) 19 September 1972 (1972-09-19) the whole document	1,2,4,5, 14-16
X	DE 43 06 973 A (KAUTEX WERKE GMBH) 8 September 1994. (1994-09-08) column 5, line 38 -column 6, line 27; figures 8,9	1,2,14
Y	DE 100 51 843 A (KRAUSS-MAFFEI KUNSTSTOFFTECHNIK; KRALLMANN GMBH) 25 April 2002 (2002-04-25) the whole document	7,8
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "Z" document member of the same patent family

Date of the actual completion of the international search

6 February 2004

Date of mailing of the international search report

12/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, TX. 31 651 epo nl
Fax: (+31-70) 340-3016

Authorized officer

Labeeuw, R

INTERNATIONAL SEARCH REPORT

PCT/NL 03/00765

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 90 14207 A (MAUS STEVEN M; GALIC GEORGE J) 29 November 1990 (1990-11-29) the whole document	6,10,11
P,X	EP 1 314 534 A (SUMITOMO HEAVY INDUSTRIES; YOSHINO KOGYOSHO CO LTD) 28 May 2003 (2003-05-28) the whole document	1-5,12, 14-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/NL 03/00765

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
BE 559392	A	NONE		
US 3692456	A	19-09-1972		NONE
DE 4306973	A	08-09-1994	DE CZ EP	4306973 A1 9400485 A3 0619174 A1
				08-09-1994 19-10-1994 12-10-1994
DE 10051843	A	25-04-2002	DE WO EP TW	10051843 A1 0232647 A1 1328390 A1 506892 B
				25-04-2002 25-04-2002 23-07-2003 21-10-2002
WO 9014207	A	29-11-1990	US AU WO	5015426 A 5171990 A 9014207 A1
				14-05-1991 18-12-1990 29-11-1990
EP 1314534	A	28-05-2003	CN EP US	1425547 A 1314534 A2 2003099794 A1
				25-06-2003 28-05-2003 29-05-2003